Count	RefDes	Part Number	Value	Description	Mfr	Size	Refdes2	Reference	Second So	urce	
				·							
	2 C8	Std	0.1uF	Capacitor, Ceramic, 0.1-uF, 25-V, X7R, 15%	TDK	603					
	C10	Std	0.1uF	Capacitor, Ceramic, 0.1-uF, 25-V, X7R, 15%	TDK	603					
	2 C7	Std	22pF	Capacitor, Ceramic, 68-pF, 25-V, X7R, 15%	TDK	603					
	C20	Std	22pF	Capacitor, Ceramic, 68-pF, 25-V, X7R, 15%	TDK	603					
	2 C5	Std	100pF	Capacitor, Ceramic, 100-pF, 25-V, X7R, 15%	TDK	603					
	C23	Std	100pF	Capacitor, Ceramic, 100-pF, 25-V, X7R, 15%	TDK	603					
		Std	470pF	Capacitor, Ceramic, 470-pF, 25-V, X7R, 15%	TDK	603					
	C16	Std	470pF	Capacitor, Ceramic, 470-pF, 25-V, X7R, 15%	TDK	603					
	2 C15	Std	680pF	Capacitor, Ceramic, 220-pF, 25-V, X7R, 15%	TDK	603					
		Std	680pF	Capacitor, Ceramic, 220-pF, 25-V, X7R, 15%	TDK	603					
	1 C22	Std	2200pF	Capacitor, Ceramic, 470-pF, 25-V, X7R, 15%	TDK	603					
	1 C6	Std	2200pF	Capacitor, Ceramic, 2200-pF, 25-V, X7R, 15%	TDK	603					
	2 C14	std	0.1uF	Capacitor, Ceramic, 0.1uF, 25V, X7R, 15%	TDK	805					
		std	0.1uF	Capacitor, Ceramic, 0.1uF, 25V, X7R, 15%	TDK	805					
	2 C3	Std	10uF	Capacitor, Ceramic, 10-uF, 25-V, X7R, 15%	TDK	1210					
	C4	Std	10uF	Capacitor, Ceramic, 10-uF, 25-V, X7R, 15%	TDK	1210					
	2 C11	Std	22uF	Capacitor, Ceramic, 22-uF, 16-V, X7R, 15%	TDK	1210					
	C19	Std	22uF	Capacitor, Ceramic, 22-uF, 16-V, X7R, 15%	TDK	1210					
	1 C12	16SVP100M	Open	Capacitor, Aluminum, 16V, 100uF, ±20%	Sanyo	0.260 x 0.276 inch					
	1 C9	16SVP100M	Open	Capacitor, Aluminum, xxV, xxuF, ±20%	Sanyo	0.260 x 0.276 inch					
	1 C2	EEVFK1H101	Open	Capacitor, Aluminum, xx-µF, xx-V, 20%	Panasonic	0.457 x 0.406					
	2 D1	B340-13	B340-13	Diode, Schottky, 3.0A, 40-V	Diodes	SMC					
	D2	B340-13	B340-13	Diode, Schottky, 3.0A, 40-V	Diodes	SMC					
	2 L2	DR125-220	22uH	Inductor, SMT, 4.71A, 39.6milliohm	Coiltronics	0.492 sq"					
	L6	DR125-220	22uH	Inductor, SMT, 4.71A, 39.6milliohm	Coiltronics	0.492 sq"					
	2 R4	Std	0	Resistor, Chip, 0-Ohms, 1/16-W, 1%	Std	603					
	R11	Std	0	Resistor, Chip, 0-Ohms, 1/16-W, 1%	Std	603					
		Std	1.0K	Resistor, Chip, 2.2-Ohms, 1/16-W, 1%	Std	603					
	1 R39	Std	1K	Resistor, Chip, 1K-Ohms, 1/16-W, 1%	Std	603					
		Std	1K	Resistor, Chip, 5.1K-Ohms, 1/16-W, 1%	Std	603					
	R18	Std	1K	Resistor, Chip, 5.1K-Ohms, 1/16-W, 1%	Std	603					
	1 R12	Std	1.0K	Resistor, Chip, 2.2-Ohms, 1/16-W, 1%	Std	603					
		Std	7.15k	Resistor, Chip, 7.15K-Ohms, 1/16-W, 1%	Std	603					
	1 R38	Std	10k	Resistor, Chip, 10K-Ohms, 1/16-W, 1%	Std	603					
		Std	10K	Resistor, Chip, 22K-Ohms, 1/16-W, 1%	Std	603					
		Std	10K	Resistor, Chip, 22K-Ohms, 1/16-W, 1%	Std	603					
		Std	20K	Resistor, Chip, 20K-Ohms, 1/16-W, 1%	Std	603					
		Std	47.5K	Resistor, Chip, 47K-Ohms, 1/16-W, 1%	Std	603					
	2 R8	Std	49.9	Resistor, Chip, 49.9-Ohms, 1/16-W, 1%	Std	603				·	
	R10	Std	49.9	Resistor, Chip, 49.9-Ohms, 1/16-W, 1%	Std	603					
	2 R1	Std	68K	Resistor, Chip, 68K-Ohms, 1/16-W, 1%	Std	603				·	
		Std	68K	Resistor, Chip, 68K-Ohms, 1/16-W, 1%	Std	603					
		Std	75K	Resistor, Chip, 75K-Ohms, 1/16-W, 1%	Std	603					
		Std	75K	Resistor, Chip, 100K-Ohms, 1/16-W, 1%	Std	603					
	2 R2	Std	0.02	Resistor, Chip, 0.02-Ohms, 1/2-W, 1%	Std	2010					
	R13	Std	0.02	Resistor, Chip, 0.02-Ohms, 1/2-W, 1%	Std	2010					
	3 J1	ED1514	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	OST	0.27 x 0.25					
	J2	ED1514	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	OST	0.27 x 0.25					

J3	ED1514	ED1514	Terminal Block, 2-pin, 6-A, 3.5mm	OST	0.27 x 0.25					
13 TP1	5000	5000	Test Point, Red, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch	\\vette02\p	C:\program	files\p-cad	2004\pcad	_pdf's\Keys
TP3	5000	5000	Test Point, Red, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch	\\vette02\p	C:\program	files\p-cad	2004\pcad	_pdf's\Keys
TP4	5000	5000	Test Point, Red, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch	\\vette02\p	C:\program	files\p-cad	2004\pcad	_pdf's\Keys
TP5	5000	5000	Test Point, Red, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch					_pdf's\Keys
TP8	5000	5000	Test Point, Red, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch	\\vette02\p	C:\program	n files∖p-cad	2004\pcad	_pdf's\Keys
TP9	5000	5000	Test Point, Red, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch					_pdf's\Keys
TP12	5000	5000	Test Point, Red, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch	\\vette02\p	C:\program	n files∖p-cad	2004\pcad	_pdf's\Keys
TP13	5000	5000	Test Point, Red, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch	\\vette02\p	C:\program	n files∖p-cad	2004\pcad	_pdf's\Keys
TP15	5000	5000	Test Point, Red, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch	\\vette02\p	C:\program	n files∖p-cad	2004\pcad	_pdf's\Keys
TP17	5000	5000	Test Point, Red, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch	\\vette02\p	C:\program	n files\p-cad	2004\pcad	_pdf's\Keys
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TP33	5000		Test Point, Red, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch	\\vette02\p	C:\program	n files\p-cad	2004\pcad	_pdf's\Keys
5 TP2	5001		Test Point, Black, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch	\\vette02\p	C:\program	n files∖p-cad	2004\pcad	_pdf's\Keys
TP6	5001	5001	Test Point, Black, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch	\\vette02\p	C:\program	n files∖p-cad	2004\pcad	_pdf's\Keys
TP7	5001	5001	Test Point, Black, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch					_pdf's\Keys
TP14	5001	5001	Test Point, Black, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch	\\vette02\p	C:\program	n files∖p-cad	2004\pcad	_pdf's\Keys
TP16	5001	5001	Test Point, Black, Thru Hole Color Keyed	Keystone	0.100 x 0.100 inch	\\vette02\p	C:\program	files\p-cad	2004\pcad	_pdf's\Keys
2 U1	TPS40200D	TPS40200D	IC, Low Cost Sync Buck Controller	TI	SO-8					
U2	TPS40200D	TPS40200D	IC, Low Cost Sync Buck Controller	TI	SO-8					
1 Q7	2N7002	2N7002	MOSFET, N-ch, xx-V, yy-A, zz-milliOhms	STD	SOT23					
1 Q6		iRF5803	MOSFET, P-ch, -40-V, -3.4-A, 112-milliOhms	IR	Micro6					
2 Q1	Si4401DY	Si4401DY	MOSFET, P-ch, -40-V, 8.7-A, .22.5-milliOhms	Vishay	SO8					
Q2	Si4401DY	Si4401DY	MOSFET, P-ch, -40-V, 8.7-A, .22.5-milliOhms	Vishay	SO8					

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